

Bianco, Patricia

From: PLUS
Sent: Monday, July 18, 2005 4:12 PM
To: Bianco, Patricia
Subject: PLUS Results for 09534038

Here are the PLUS search results for 09534038.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



09534038_QUAL
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09534038_LIST.
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09534038_WES
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09534038_EAST
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09534038.east.t
xt



09534038_CLS.t
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09534038_CLST 09534038_WDS.
ITLES.txt

09534038_LIST

09534038

PLUS Search Results for S/N 09534038, Searched July 18, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5571215	6451054	4366819
6283127	6454794	4368736
6283983	6458079	4413989
6395026	6558318	4430083
6397109	6638237	4445509
6402781	6673020	4456000
6447443	6709456	4531943
6854467	6893394	4616652
5888247	6913021	4776337
4808158	6063021	4788975
5676670	4291420	4819634
5766163	4883458	4836214
5776154	5540679	4844062
5797920	5702412	4844068
5875782	6019722	4883460
5928253	6036699	4886490
5957977	6042563	4894051
6113616	6110188	4906229
4535757	6176864	4954528
5010888	6231506	4961427
5231994	6248121	4979939
5306263	4581017	5007896
5360006	4854318	5024651
5378234	4900757	5059211
5613937	5281738	5180366
5682906	5290231	5195984
5713951	5304668	5209799
5718725	5328471	5236413
5728151	5383928	5240004
5755682	5395330	5242397
5797396	5409019	5246007
5810884	5447515	5254112
5814097	5499971	5284138
5846191	5532400	5297552
5846187	5620439	5304120
5919171	5662609	5304171
5944019	5749833	5306286
5947125	5769843	5306296
5972012	5779685	5308356
5980455	5795325	5312344
6093166	5868763	5318032
6123682	5893369	5320634
6125852	5944730	5358485
6167889	6083239	5368579
6309399	6143015	5370683
6312393	6171319	5383899
6350248	6206913	5421825
6361519	6217549	5425703
6387108	6217549	5425705
6414018	6241742	5429144

09534038_CLSTITLES
Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09534038 on July 18, 2005

- 23 128/898 (14 OR, 9 XR)
Class 128 : SURGERY
128/897 MISCELLANEOUS
128/898 .Methods
- 19 606/194 (4 OR, 15 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/191 .Internal pressure applicator (e.g., dilator)
606/192 ..Inflatable or expandable by fluid
606/194 ...Inserted in vascular system
- 11 606/159 (6 OR, 5 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/159 .Blood vessel; duct or teat cutter, scrapper or
abrader
- 9 604/22 (7 OR, 2 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
IRRIGATING, ASPIRATING, ETC.)
604/22 .With means for cutting, scarifying, or
vibrating (e.g., ultrasonic, etc.) tissue
- 9 604/913 (0 OR, 9 XR)
Class 604 : SURGERY
604/913 DILATORS MADE OF SWELLABLE MATERIAL [A61M
29/02]
- 8 606/153 (6 OR, 2 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/151 .Surgical mesh, connector, clip, clamp or band
606/153 ..Connector for hollow body organs
- 8 606/170 (1 OR, 7 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/167 .Cutting, puncturing or piercing
606/170 ..Cutter carried on elongated probe-like member
- 7 604/8 (6 OR, 1 XR)
Class 604 : SURGERY
604/8 DEVICES TRANSFERRING FLUIDS FROM WITHIN ONE
AREA OF BODY TO ANOTHER (E.G., SHUNTS, ETC.)
- 6 600/16 (1 OR, 5 XR)
Class 600 : SURGERY
600/16 CARDIAC AUGMENTATION (PULSATORS, ETC.)
- 6 600/235 (1 OR, 5 XR)
Class 600 : SURGERY
600/184 SPECULA
600/201 .Retractor

600/235 ..Specific use retractor

6 604/104 (0 OR, 6 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed
 subcutaneously

604/93.01 other than by diffusing through skin
 ..Material introduced or removed through
 conduit, holder, or implantable reservoir inserted in
 body

604/104 ...Having means expanding body orifice or canal
 (e.g., dilator, retaining means, etc.)

6 606/15 (1 OR, 5 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/2 .Light application
 606/13 ..Applicators
 606/14 ...Placed in body
 606/15With optical fiber

6 606/151 (4 OR, 2 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/151 .Surgical mesh, connector, clip, clamp or band

6 606/198 (1 OR, 5 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/191 .Internal pressure applicator (e.g., dilator)
 606/198 ..Expanding dilator (e.g., expanding arm, etc.)

6 606/7 (4 OR, 2 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/2 .Light application
 606/7 ..Angioplasty

5 600/201 (3 OR, 2 XR)
 Class 600 : SURGERY
 600/184 SPECULA
 600/201 .Retractor

5 604/96.01 (3 OR, 2 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)
 604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed
 subcutaneously

604/93.01 other than by diffusing through skin
 ..Material introduced or removed through
 conduit, holder, or implantable reservoir inserted in
 body

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- 604/96.01 ...Having means inflated in body (e.g.,
 inflatable nozzle, dilator, balloon catheter, occluder,
 etc.)
- 5 606/108 (2 OR, 3 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/108 .Means for inserting or removing conduit within
 body
- 5 623/1.1 (1 OR, 4 XR)
 Class 623 : PROSTHESIS
 623/1.1 ARTERIAL PROSTHESIS (I.E., BLOOD VESSEL)
- 5 623/1.12 (2 OR, 3 XR)
 Class 623 : PROSTHESIS
 623/1.1 ARTERIAL PROSTHESIS (I.E., BLOOD VESSEL)
 623/1.11 .Stent combined with surgical delivery system
 (e.g., surgical tools, delivery sheath, etc.)
 623/1.12 ..Expandable stent with constraining means
- 4 600/210 (2 OR, 2 XR)
 Class 600 : SURGERY
 600/184 SPECULA
 600/201 .Retractor
 600/210 ..With special blade or retracting surface
 structure
- 4 600/213 (2 OR, 2 XR)
 Class 600 : SURGERY
 600/184 SPECULA
 600/201 .Retractor
 600/210 ..With special blade or retracting surface
 structure
 600/213 ...Detachable from handle
- 4 600/37 (2 OR, 2 XR)
 Class 600 : SURGERY
 600/37 INTERNAL ORGAN SUPPORT OR SLING
- 4 600/435 (1 OR, 3 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/407 .Detecting nuclear, electromagnetic, or
 ultrasonic radiation
 600/431 ..Detectable material placed in body
 600/433 ...Using flexible catheter
 600/435 Catheter structure
- 4 600/585 (1 OR, 3 XR)
 Class 600 : SURGERY
 600/300 DIAGNOSTIC TESTING
 600/585 .Flexible catheter guide
- 4 604/21 (2 OR, 2 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)
 604/20 .Infrared, visible light, ultraviolet, x-ray or
 electrical energy applied to body (e.g., iontophoresis,
 etc.)

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604/21

..With tubular injection means inserted into
body

4 604/523 (2 OR, 2 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
IRRIGATING, ASPIRATING, ETC.)604/48 .Treating material introduced into or removed
from body orifice, or inserted or removed

subcutaneously

other than by diffusing through skin

604/93.01 ..Material introduced or removed through
conduit, holder, or implantable reservoir inserted in

body

604/264Body inserted tubular conduit structure
(e.g., needles, cannulas, nozzles, trocars, catheters,
etc.)604/523Flexible catheter or means (e.g., coupling)
used therewith

3 600/18 (1 OR, 2 XR)

Class 600 : SURGERY

600/16 CARDIAC AUGMENTATION (PULSATORS, ETC.)

600/18 .Aortic balloon pumping

3 600/215 (0 OR, 3 XR)

Class 600 : SURGERY

600/184 SPECULA

600/201 .Retractor

600/210 ..With special blade or retracting surface
structure

600/215Adjustable (e.g., extendable)

3 600/227 (0 OR, 3 XR)

Class 600 : SURGERY

600/184 SPECULA

600/201 .Retractor

600/227 ..with holder

3 600/232 (0 OR, 3 XR)

Class 600 : SURGERY

600/184 SPECULA

600/201 .Retractor

600/227 ..with holder

600/231Supporting frame

600/232Three sided rectangular frame

3 600/486 (1 OR, 2 XR)

Class 600 : SURGERY

600/300 DIAGNOSTIC TESTING

600/481 .Cardiovascular

600/485 ..Measuring pressure in heart or blood vessel

600/486Testing means inserted in body

3 604/103.01 (1 OR, 2 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed

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from body orifice, or inserted or removed

subcutaneously

other than by diffusing through skin

604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body

604/96.01 ...Having means inflated in body (e.g., inflatable nozzle, dilator, balloon catheter, occluder, etc.)

604/103.01Delivering fluid or material through wall of inflated means

3 604/264 (2 OR, 1 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed

subcutaneously

other than by diffusing through skin

604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body

604/264 ...Body inserted tubular conduit structure (e.g., needles, cannulas, nozzles, trocars, catheters, etc.)

3 604/500 (1 OR, 2 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously other than by diffusing through skin

604/500 ..Method

3 604/501 (2 OR, 1 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed

subcutaneously

other than by diffusing through skin

604/500 ..Method

604/501 ...Enhanced absorption of therapeutic material internally using iontophoretic treatment

3 604/509 (1 OR, 2 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed

subcutaneously

other than by diffusing through skin

604/500 ..Method

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604/506 ... Therapeutic material introduced or removed through a piercing conduit (e.g., trocar) inserted into body

604/507 Therapeutic material introduced into or removed from vasculature

604/508 By catheter

604/509 With expanding member (i.e., balloon)

3 606/139 (1 OR, 2 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/139 .Suture, ligature, elastic band or clip applier

3 606/167 (3 OR, 0 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/167 .Cutting, puncturing or piercing

3 623/1.11 (1 OR, 2 XR)
 Class 623 : PROSTHESIS
 623/1.1 ARTERIAL PROSTHESIS (I.E., BLOOD VESSEL)
 623/1.11 .Stent combined with surgical delivery system (e.g., surgical tools, delivery sheath, etc.)

3 623/2.11 (3 OR, 0 XR)
 Class 623 : PROSTHESIS
 623/2.1 HEART VALVE
 623/2.11 .Combined with surgical tool

3 623/2.37 (2 OR, 1 XR)
 Class 623 : PROSTHESIS
 623/2.24 Strut projecting means extends through hole in occluder
 623/2.36 .Annuloplasty device
 623/2.37 ..Adjustable

2 128/DIG 3 (0 OR, 2 XR)
 Class 128 : SURGERY
 128/DIG 3 HEART-LUNG

2 514/712 (2 OR, 0 XR)
 Class 514 : DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
 514/266.24 The additional hetero ring consists of carbon and chalcogen as the only ring members
 514/706 .Sulfur, selenium or tellurium compound (e.g., thioalcohols, mercaptans, etc.)
 514/712 ..Thioether

2 514/824 (0 OR, 2 XR)
 Class 514 : DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
 514/824 ARTERIOSCLEROSIS

2 556/449 (2 OR, 0 XR)
 Class 556 : ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES
 556/400 .SILICON CONTAINING
 556/449 ..Hydroxy bonded directly to carbon or peroxy bonded directly to two carbons or to hydrogen and carbon

(H

or

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of the hydroxy or the H bonded to the peroxy may be
replaced by a substituted or unsubstituted ammonium ion
a Group IA or IIA light metal)

- 2 600/205 (1 OR, 1 XR)
class 600 : SURGERY
600/184 SPECULA
600/201 .Retractor
600/205 ..With auxiliary channel (e.g., fluid
transversing)
- 2 600/208 (0 OR, 2 XR)
class 600 : SURGERY
600/184 SPECULA
600/201 .Retractor
600/206 ..Having flexible, malleable or shape memory
material
600/208 ...Circular or elliptically shaped retracting
surface
- 2 600/231 (0 OR, 2 XR)
class 600 : SURGERY
600/184 SPECULA
600/201 .Retractor
600/227 ..With holder
600/231 ...Supporting frame
- 2 600/233 (0 OR, 2 XR)
class 600 : SURGERY
600/184 SPECULA
600/201 .Retractor
600/227 ..With holder
600/231 ...Supporting frame
600/233Closed frame (e.g., circle, square)
- 2 600/434 (0 OR, 2 XR)
class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/407 .Detecting nuclear, electromagnetic, or
ultrasonic radiation
600/431 ..Detectable material placed in body
600/433 ...Using flexible catheter
600/434Catheter guide means
- 2 600/468 (0 OR, 2 XR)
class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/407 .Detecting nuclear, electromagnetic, or
ultrasonic radiation
600/437 ..Ultrasonic
600/459 ...Structure of transducer or probe assembly
600/462Probe placed in vascular system or body
orifice
600/466Catheter
600/467Intravascular
600/468With blood flow measurement or detection
- 2 604/101.01 (1 OR, 1 XR)
class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,

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IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed

subcutaneously other than by diffusing through skin

604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in

body

604/96.01Having means inflated in body (e.g., inflatable nozzle, dilator, balloon catheter, occluder, etc.)

604/101.01Having plural balloons on conduit

2 604/101.03 (2 OR, 0 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed

subcutaneously other than by diffusing through skin

604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in

body

604/96.01Having means inflated in body (e.g., inflatable nozzle, dilator, balloon catheter, occluder, etc.)

604/101.01Having plural balloons on conduit

604/101.03Having aperture in conduit between balloons

2 604/102.02 (1 OR, 1 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed

subcutaneously other than by diffusing through skin

604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in

body

604/96.01Having means inflated in body (e.g., inflatable nozzle, dilator, balloon catheter, occluder, etc.)

604/102.01Having aperture in conduit proximal of inflated means

604/102.02Lumen extending from aperture proximal of inflated means to distal end

2 604/103.07 (0 OR, 2 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed

subcutaneously

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other than by diffusing through skin

604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body

604/96.01 ...Having means inflated in body (e.g., inflatable nozzle, dilator, balloon catheter, occluder, etc.)

604/103.06 Particular wall structure of inflated means (e.g., varying wall thickness, multilayer, etc.)

604/103.07 Specific balloon shape (e.g., doughnut, pear, hour glass, etc.)

2 604/103.1 (0 OR, 2 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously

604/93.01 other than by diffusing through skin

604/96.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body

604/96.01 ...Having means inflated in body (e.g., inflatable nozzle, dilator, balloon catheter, occluder, etc.)

604/103.1 Having radiopaque characteristics (e.g., ring, marker, tip, etc.)

2 604/105 (0 OR, 2 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously

604/93.01 other than by diffusing through skin

604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body

604/104 ...Having means expanding body orifice or canal (e.g., dilator, retaining means, etc.)

604/105 Expanding bow

2 604/106 (2 OR, 0 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously

604/93.01 other than by diffusing through skin

604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body

604/104 ...Having means expanding body orifice or canal

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(e.g., dilator, retaining means, etc.)

604/106Expanding arm or finger

2 604/107 (0 OR, 2 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)
604/48 .Treating material introduced into or removed from body orifice, or inserted or removed
subcutaneously other than by diffusing through skin
604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body

604/104Having means expanding body orifice or canal (e.g., dilator, retaining means, etc.)
604/106Expanding arm or finger
604/107Expansion actuated by axially movable member

2 604/256 (0 OR, 2 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)
604/48 .Treating material introduced into or removed from body orifice, or inserted or removed
subcutaneously other than by diffusing through skin
604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body

604/246Means for controlling material flow to or from body, or metering a predetermined dose or amount
604/256Having flow closing or opening means (e.g., plug, cap, seal, etc.)

2 604/4.01 (1 OR, 1 XR)
Class 604 : SURGERY
604/4.01 BLOOD DRAWN AND REPLACED OR TREATED AND RETURNED TO BODY

2 604/508 (0 OR, 2 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)
604/48 .Treating material introduced into or removed from body orifice, or inserted or removed
subcutaneously other than by diffusing through skin
604/500 ..Method
604/506 ...Therapeutic material introduced or removed through a piercing conduit (e.g., trocar) inserted into body
604/507Therapeutic material introduced into or removed from vasculature
604/508By catheter

2 604/510 (0 OR, 2 XR)

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Class 604/19	604 : SURGERY MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)
	604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously other than by diffusing through skin
	604/500 ..Method
	604/506 ...Therapeutic material introduced or removed through a piercing conduit (e.g., trocar) inserted into body
	604/507Therapeutic material introduced into or removed from vasculature
	604/508By catheter
	604/510With associated advancing or guiding means
2 604/528 (0 OR, 2 XR)	
Class 604/19	604 : SURGERY MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)
	604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously other than by diffusing through skin
	604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body
	604/264 ...Body inserted tubular conduit structure (e.g., needles, cannulas, nozzles, trocars, catheters, etc.)
	604/523Flexible catheter or means (e.g., coupling) used therewith
	604/528With means to advance or steer catheter, excluding remotely controlled devices
2 604/532 (1 OR, 1 XR)	
Class 604/19	604 : SURGERY MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)
	604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously other than by diffusing through skin
	604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body
	604/264 ...Body inserted tubular conduit structure (e.g., needles, cannulas, nozzles, trocars, catheters, etc.)
	604/523Flexible catheter or means (e.g., coupling) used therewith
	604/530With shape retaining memory
	604/532Shaped for cardiovascular system
2 604/919 (0 OR, 2 XR)	
Class 604	: SURGERY

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604/915 BALLOON CATHETERS [A61M 25/10]
 604/919 .Multiple balloon catheters [A61M 25/10D]

2 604/920 (0 OR, 2 XR)
 Class 604 : SURGERY
 604/915 BALLOON CATHETERS [A61M 25/10]
 604/920 .Balloon inflating or inflation control devices
 [A61M 25/10E]

2 606/10 (1 OR, 1 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/2 .Light application
 606/10 ..Systems

2 606/12 (0 OR, 2 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/2 .Light application
 606/10 ..Systems
 606/11 ...Beam energy control or monitoring
 606/12 Condition responsive

2 606/154 (0 OR, 2 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/151 .Surgical mesh, connector, clip, clamp or band
 606/153 ..Connector for hollow body organs
 606/154 ...Bioabsorbable

2 606/158 (1 OR, 1 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/151 .Surgical mesh, connector, clip, clamp or band
 606/157 ..Occluding clip, clamp, or band
 606/158 ...Artery or vein

2 606/16 (0 OR, 2 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/2 .Light application
 606/13 ..Applicators
 606/16 ...With optical fiber

2 606/17 (0 OR, 2 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/2 .Light application
 606/13 ..Applicators
 606/17 ...With beam shaping or redirecting (e.g.,
 lens)

2 606/180 (0 OR, 2 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS
 606/167 .Cutting, puncturing or piercing
 606/180 ..Rotary cutter

2 606/184 (1 OR, 1 XR)
 Class 606 : SURGERY
 606/1 INSTRUMENTS

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606/167 .Cutting, puncturing or piercing
606/184 ..Punch

2 606/185 (0 OR, 2 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/167 .Cutting, puncturing or piercing
606/185 ..Puncturing or piercing

2 606/192 (0 OR, 2 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/191 .Internal pressure applicator (e.g., dilator)
606/192 ..Inflatable or expandible by fluid

2 606/195 (0 OR, 2 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/191 .Internal pressure applicator (e.g., dilator)
606/192 ..Inflatable or expandible by fluid
606/194 ...Inserted in vascular system
606/195Detachable from inflation means

2 606/200 (1 OR, 1 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/191 .Internal pressure applicator (e.g., dilator)
606/200 ..With emboli trap or filter

2 607/116 (0 OR, 2 XR)
Class 607 : SURGERY: LIGHT, THERMAL, AND ELECTRICAL APPLICATION
607/1 LIGHT, THERMAL, AND ELECTRICAL APPLICATION
607/115 .Electrical energy applicator
607/116 ..Placed in body

2 623/1.15 (1 OR, 1 XR)
Class 623 : PROSTHESIS
623/1.1 ARTERIAL PROSTHESIS (I.E., BLOOD VESSEL)
623/1.15 .Stent structure

2 623/2.36 (1 OR, 1 XR)
Class 623 : PROSTHESIS
623/2.24Strut projecting means extends through
 hole in occluder
623/2.36 .Annuloplasty device

2 623/3.1 (1 OR, 1 XR)
Class 623 : PROSTHESIS
623/3.1 CORPOREAL ARTIFICIAL HEART, HEART ASSIST (E.G.,
 IMPLANTABLE BLOOD PUMP, ETC.), CONTROL REGULATOR, OR
POWER
 SUPPLY THEREFOR, OR METHOD OF OPERATION THEREFOR

2 623/904 (0 OR, 2 XR)
Class 623 : PROSTHESIS
623/902 METHOD OF IMPLANTING
623/904 .Heart